

submitted in lieu of Form 3160-5  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RCVD MAR2'07  
OIL CONS. DIV.  
DIST. 3

Sundry Notices and Reports on Wells

2007 FEB 28 PM 3:36

1. Type of Well  
GAS

RECEIVED  
BLM  
210 FARMINGTON NM

5. Lease Number  
NMSF-078951  
6. If Indian, All. or  
Tribe Name  
7. Unit Agreement Name

2. Name of Operator  
**BURLINGTON**  
RESOURCES OIL & GAS COMPANY LP

San Juan 29-7 Unit  
8. Well Name & Number

3. Address & Phone No. of Operator

San Juan 29-7 Unit #90M

PO Box 4289, Farmington, NM 87499 (505) 326-9700

9. API Well No.

30-039-26153

4. Location of Well, Footage, Sec., T, R, M  
Sec., T--N, R--W, NMPM

10. Field and Pool

Unit A (NENE) 1120' FNL & 900' FEL, Sec. 5, T29N, R7W NMPM

Blanco Mesaverde/ Basin Dakota

11. County and State  
Rio Arriba Co., NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission	Type of Action
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment <input type="checkbox"/> Change of Plans <input checked="" type="checkbox"/> Other - <u>Commingle</u>
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion <input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging <input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair <input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Altering Casing <input type="checkbox"/> Conversion to Injection

13. Describe Proposed or Completed Operations

It is intended to commingle the Mesaverde/ Dakota well by completing a MIT test and a Separator Test. An air package will be required. A 3-slip stop is already set above obstruction (broken piston pad) @ 5472'. Please see attached procedure. DHC application will be submitted before well is commingled.

14. I hereby certify that the foregoing is true and correct.

Signed Amanda Sanchez Title Regulatory Tech Date 2/28/07

(This space for Federal or State Office use)

APPROVED BY Joe Hermit Title Geo Date 3-1-07

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

See attached stipulation

NMOCD

**San Juan 29-7 Unit 90M**  
**Commingle Procedure**  
Township 29N Range 7W  
Section 5, 1120 FNL & 900 FEL  
RIO ARRIBA COUNTY, NM  
Latitude N 36° 45.552' Longitude W 107° 35.298'

**PBTD:** 7474'

**KB:** 12'

**Scope:** The intent of this project is to commingle the Mesa Verde/ Dakota well by completing a MIT test and a Separator Test. **An air package will be required. A 3-slip stop is already set above obstruction (broken piston pad) @ 5472' (WL, 10/3/06).**

**Procedure:**

1. Hold safety meeting. Comply with all NMOCD, BLM and ConocoPhillips safety and environmental regulations. Test rig anchors prior to moving in rig.
2. MIRU. Check casing and tubing pressures and record in WellView. RU blow lines from casing valves and begin blowing down casing pressure. Kill well with 2% KCL treated for SRB, if necessary. ND wellhead NU BOP.
3. Release tubing hanger (for Mesa Verde side) to tag for fill above the packer (5700'). PU additional joints as needed. Record fill level in WellView. Tubing landed @ 5520' KB, packer is @ 7474'.
4. TOOH with the Mesa Verde tubing (detail below).
  - 167- 1-1/2", 4.7# J-55 EUE Tubing Joints
  - 1- 1-1/2" Seating Nipple
  - 1- 1-1/2" 2.76#, J-55 Perforated tubing Sub
  - 1- jt 1-1/2" 2.76#, J-55 Tubing
  - 1- 1-1/2" Bullplug
5. Visually inspect tubing, record findings in WellView, make note of corrosion or scale.
6. If fill is present, utilize air package to clean out to packer @ 5700'.
7. Pick up tubing (for Dakota side) to release Model D packer (@ 5700'). **NOTE: Do not exceed a 33,000 lb pull on the 1-1/2", 2.9#, J-55 tbg.** If seal assembly does not pull with 33,000 lbs or less, rig up the chemical cut, and cut the 1-1/2" tubing 6' above the packer (@ 5694').
8. TOOH with the upper portion of the Dakota tubing (detail below).
  - 1- 1-1/2", 2.9# J-55 EUE Tubing Joint
  - 1- 4' Pup Joint
  - 154- 1-1/2" 2.9# J-55 Tubing
  - 7- 2-1/16" Blast Joints
  - 12- 1-1/2", 2.9#, J-55 Tubing
  - 1- Model D PackerVisually inspect the tubing and record findings in WellView.
9. Rig up overshot on 2-3/8" work string and engage 1-1/2" tubing. TOOH and lay down the lower portion of the Dakota tubing (detail below).
  - 2- 18' Pup Joints
  - 51- 1-1/2" 2.9#, J-55 Tubing
  - 1- 1-1/2" F-Nipple with 1.42" ID
  - 1- 1-1/2" 2.9#, J-55 Tubing
  - 1- 1-1/2" Expendable CheckVisually inspect tubing, record findings in WellView, make note of corrosion or scale.
10. PU and TIH with packer spear, rotary shoe, drain sub, top bushing, bumper sub jars and drill collars on 2-3/8" tubing. Mill over Model D packer slips and TOOH with BHA, tubing and packer body.
11. If fill is present clean out to PBTD @ 7474' with air package.
12. TIH with 5-1/2" RBP and packer on 2-3/8" tubing to pressure test casing (MIT). Set RBP at 7238' (50' above top Dakota perf) and packer at 5530' (50' below bottom Mesa Verde perf). Pressure test casing between perfs to 500 psi for 30 minutes and record on 2 hour chart. Reset packer @ 3556' (50' above MV perf to test casing to surface to 500 psi for 30 minutes and record on a 2 hour chart. TOOH and lay down packer and RBP.
13. TIH with 2-3/8".
14. RU test unit and pit. Flow test the entire wellbore up the 2-3/8" tubing set at 7446' with a backpressure equivalent to the line pressure in that area on unit. Swab, if necessary, to kick well off. Run a minimum 3-hour test and record results in WellView. **Be sure that it is a stabilized test with no spikes that indicate loading or surging.** If the well is unstable, continue with test until a stable 3-hour test has been recorded.
15. RD the test unit lines, but do not RD the unit. (Unit will be utilized in the MV test).
16. PU 5-1/2" RBP on 2-3/8" tubing. RIH and set RBP @ 5630' (approx. 150' below bottom MV perf).
17. Set 2-3/8" tubing at 5480'.
18. RU test unit and pit. Flow test MV up the tubing with a backpressure equivalent to the line pressure in that area on the unit. Swab, if necessary, to kick off. Ensure that test is performed with the same backpressure as the

“Commingle” MV/DK Test. Run a minimum 3-hour test and record results in DIMS and on the drilling test sheet. **Be sure that it is a stabilized test, no spikes that indicate loading or surging.** If the well is unstable, continue with test until a stable 3-hour test has been recorded.

19. **If unable to perform either flow test, contact engineer or senior rig supervisor for further instruction.**

20. Latch onto RBP, equalize, TOO H and LD RBP.

21. TIH with tubing (detail below). Broach tubing while tripping back in the hole. Recommended landing depth is +/-7414'. Use pup joints, as necessary, to obtain proper landing depth.

1 - 2 3/8" Mule Shoe Joint with Expendable Check

1 - 2 3/8" F-Nipple

1 - 2 3/8" 4.7# J-55 EUE Tubing Joint

1 - 2 3/8" x 2' Tubing Pup Joint

~234 - 2 3/8" 4.7# J-55 EUE Tubing to surface

22. Run standing valve on shear tool, load tubing and pressure test tubing to 1000 psig. Pull standing valve.

23. ND BOP. NU wellhead. Make swab run, if necessary, to kick off well. Notify lease operator that well is ready to be returned to production. RDMO.

Recommended

BAE Engineer

Office

Cell

Kassadie Snider

(505) 324-5145

(505) 793-6312

Foreman

Office

Cell

Joel Lee

(505) 324-5118

(505) 320-2490

Approved

Sr. Rig Supervisor

Office

Cell

Lyle Ehrlich

(505) 599-4002

(505) 320-2613

Lease Operator

Mobile

Jason Simpson

(505) 320-1790

SPUD DATE: 11/29/99  
COMPLETION DATE: 2/1/00

**SAN JUAN 29-7 UNIT 90M DK/DK**  
Township 029N Range 007W  
Section 005 1120 FNL & 900 FEL  
RIO ARRIBA COUNTY, NM

API: 30039261530000  
MV AIN: 80628102  
DK AIN: 80628101

Latitude N36 45.552  
Longitude W107 35.298

KB: 12'

KBE: 6176'

GLE: 6164'

## Current Wellbore as of 11/27/2006

**FORMATION TOPS:**

Ojo Alamo 1940'  
Kirtland 2125'  
Fruitland 2523'  
Picture Cliffs 2937'  
Lewis 3080'  
Huerfano Bent. 3748'

**STATUS:**

FLOWING

**Surface Casing**

9-5/8" 32.3# set @ 246'

Cemented with 276 cu ft Class B to Surface (circ. 17 bbls)  
11/1999

**WORKOVER HISTORY**

7/2005: Replaced plunger on MV side w/ 1-1/2 triple pad

**Current Tubing String for Dakota**

(1) Joint 1-1/2" 2.9# J-55 Tubing  
(1) 4' Pup Joint  
(154) Joints 1-1/2" 2.9# J-55 Tubing  
(7) Joints 2-1/16" Blast Joints  
(12) Joints 1-1/2" 2.9# J-55 Tubing  
(1) Model D Packer  
(2) 18' Pup Joint  
(51) Joints 1-1/2" 2.9# J-55 Tubing  
(1) 1-1/2" F Nipple w/ 1.42" ID  
(1) Joint 1-1/2" 2.9# J-55 Tubing  
(1) 1-1/2" Expendable Check

**Current Tubing String for Mesaverde**

(167) Joints 1-1/2" 2.76# J-55 Tubing  
(1) 1-1/2" Seating Nipple  
(1) 1-1/2" 2.76# J-55 Perforated Tubing Sub  
(1) Joint 1-1/2" 2.76# J-55 Tubing  
(1) 1-1/2" Bull Plug

**Intermediate Casing:**

7" 20# set @ 3270'

Cemented with 1112 cu ft Class B to Surface (circ. 24 bbls)  
12/1999

**Squeeze Details:**

1st: Pump 125 sx Class B 50/50 cmt.  
could not establish rate. TOC @ 3730' (1/2000)

2nd: Pump 150 sx Class B 50/50 cmt.  
CBL TOC @ 3650' (1/2000)

3 squeeze holes @ 3750'  
(12/1999)

**TUBING RECORD (MV):**

168 jts 1-1/2" 2.76# J-55 @ 5520'  
1/2000

**TUBING RECORD (DK):**

207 jts 1-1/2" 2.9# J-55 @ 7446'  
1/2000

**Production Casing:**

183 jts 5-1/2" 15.5# set @ 3050' - 7478'  
Cemented with 255 cu ft Litecrete to 4295' (CBL 12/8/99)  
12/1999

**Mesaverde Perforations**

Lewis: 4006'-4423' (1 spf 38 holes)

Frac w/ 15,000 gal 70 Quality foam, 200,000# 20/40 AZ sand.  
(1/2000)

Upper Menefee/Climf House 4528'-5092' (1 spf 26 holes)

Frac w/ 2,085 bbls slickwater, 100,000# 20/40 Brady sand.  
(12/1999)

Point Lookout/Lower Menefee 5153'-5480' (1 spf 26 holes)

Frac w/ 2,175 bbls slickwater, 100,000# 20/40 Brady sand.  
(12/1999)

Packer @ 5700'

**Dakota Perforations**

7288'-97', 7319'-28', 7370'-75', 7393'-7402', 7422'-27', 7436'-42',  
7446'-52', 7456'-60'  
Frac w/ 2,373 bbls slickwater, 40,000# 20/40 TLC sand.  
(12/1999)

PBDT: 7474'

TOTAL DEPTH: 7480'

KTS JNB

## **BLM CONDITIONS OF APPROVAL**

### ***WORKOVER AND RECOMPLETION OPERATIONS:***

A properly functioning BOP and related equipment must be installed prior to commencing workover and/or recompletion operations.

### ***SURFACE USE OPERATIONS:***

The following Stipulations will apply to this well unless a particular Surface Managing Agency or private surface owner has supplied to BLM and operator a contradictory environmental stipulation. The failure of operator to comply with these requirements may result in assessments or penalties pursuant to 43 CFR 3163.1 or 3163.2. A copy of these conditions of approval shall be present on location during construction, drilling and reclamation activity.

An agreement between operator and fee landowner will take precedence over BLM surface stipulations unless (in reference to 43 CFR Part 3160) 1) BLM determines that operator's actions will affect adjacent Federal or Indian surface, or 2) operator does not maintain well area and lease premises in a workmanlike manner with due regard for safety, conservation and appearance, or 3) no such agreement exists, or 4) in the event of well abandonment, minimal Federal restoration requirements will be required.

***STANDARD STIPULATIONS:*** All surface areas disturbed during work-over activities and not in use for production activities will be reseeded. This should occur in the first 90 days after completion of work-over activities.

### ***SPECIAL STIPULATIONS:***

1. Pits will be fenced during work-over operation.
2. All disturbance will be kept on existing pad.
3. All pits will be pulled and closed immediately upon completion of the work-over activities.
4. Pits will be lined with an impervious material at least 12 mils thick.